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123V	СВ	Biochemistry 20 (1981) 4667-4676  GLENN "Murine IgG subclass antibodies to antigen	s incorp	orat	ed in lipo	somes	conta	ining lipid /	A" Immunol
-		Lett 47 (1995) 73-78  GLENN "Skin immunization made possible by chole	ro tovin	" Na	ture 301	(1008)	851		
	CD							l mucosal i	toxin
	CD	challenge" J Immunol 161 (1998) 3211-3214							
	CE	GLENN "Transcutaneous immunization with bacteri adjuvants" Infect Immun 67 (1999) 1100-1106	al ADP-	ribos	sylating e	exotoxin	s as a	antigens ar	nd 
	CF	GLENN "Transcutaneous immunisation" Exp Opin I							
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	СН	GLENN "Transcutaneous immunization: A human v (2000) 1403-1406	accine o	deliv	ery strate	egy usir	ng a p	atch" Natu	re Med 6
	CI	GLENN "Transcutaneous immunization" In: Vaccine							
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	√ CK								
	CL	GUPTA "Adjuvants for human vaccines – current st 1263-1276	atus, pr	oble	ms and f	future p	rospe	cts" Vaccin	e 13 (1995)
	СМ	HAMMOND "Transcutaneous immunization of dome Delivery Rev 43 (2000) 45-55	estic an	imal	s: Oppor	tunities	and c	hallenges"	Adv Drug
<del></del>	CN		espons	es a	nd boost	ing of e	xisting	immunity	" Vaccine 19
	_	(2001) 2701-2707							
	СО	HANSON "Introduction to formulation of protein pha Plenum (1992) pp. 209-233	rmaceu	itical	s" In: <i>Sta</i>	ability of	Prote	ein Pharma	ceuticals,
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		DE	KAHAN "Immun												
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	1	DG	KORTING "Topi (1991) 1068-107	•	osome	drugs	s to come:	what	the pater	t lite	erature te	ells us'	" J Am	Acad Derm	atol 25
	/	DH	KORTING "Inter 571-579	raction	of lipo	some	s with hum	an e	oidermis r	eco	nstructed	d in vit	ro" Br	J Dermatol	132 (1995)
		DI	KOSECKA "Perlintestines" Am J	Physi	ol 267	(1994	) G745-G7	752							•
		DJ	LANE "In vitro-e vol. 2, Blackwell					te fui	nction" In:	Ha	ndbook d	of Exp	erimen	tal Immuno	logy 4 <sup>th</sup> Ed.,
		DK	LUO "Synthetic	DNA d	lelivery	syste	ms" Natur	e Bio	technol 18	B (2	000) 33-3	37			<u> </u>
	\	DL	MAHMOUD "Pa (1989) 1015-102		protoz	oa an	d helminth	s: Bio	ological ar	nd ir	mmunolo	gical o	challen	ges" Scienc	e 246
	/	DM	MARINARO "Mu 4" J Immunol 15					in mic	ce results	fror	m inducti	on of	T helpe	er 2 (Th2) co	ells and IL-
	~	DN	MENGIARDI "VI					oined	vaccines	" Va	ccine 13	(1995	5) 1306	3-1315	
	/	DO	MEZEI "Liposon form" Life Sci 26					y sys	tem for th	e to	pical rou	te of a	dminis	stration. Loti	on dosage
	1	DP	MOGHIMI "Curr (1993) 155-162	ent pro	ogress	and f	uture pros	pects	of liposor	nes	in derma	al drug	delive	ery" J Micro	encapsul 10
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)											
EA PAUL "Transdermal immunization with large proteins by means of ultradeformable drug carriers" Eur J											
Immunol 25 (1995) 3521-3524											
PAUL "Noninvasive administration of protein antigens: Transdermal immunization with bovine serum albumin in transferosomes" Vaccine Res 4 (1995) 145-164											
PETERS "Dendritic cells: From ontogenetic orphans to myelo-monocytic descendants" Immunol Today	17										
(1996) 273-278											
/ ED POWERS "In previously immunized elderly adults inactivated influenza A (H1N1) virus vaccines induce	poor										
antibody responses that are not enhanced by liposome adjuvant" Vaccine 13 (1995) 1330-1335											
	RANADE "Drug delivery systems. 6. Transdermal drug delivery" J Clin Pharmacol 31 (1991) 401-418										
EF RAO "Intracellular processing of liposome-encapsulated antigens by macrophages depends upon the											
	antigen" Infect Immun 63 (1995) 2396-2402										
EG SANCHEZ "Formulation strategies for the stabilization of tetanus toxoid in poly(lactide-co-glycolide)											
	microspheres" Intl J Pharm 185 (1999) 255-266										
EH SAUZET "Long-lasting anti-viral cytotoxic T lymphocytes induced in vivo with chimeric-multirestricted lipopeptides" Vaccine 13 (1995) 1339-1345											
El SCHAEFER-KORTING "Liposome preparations: A step forward in topical drug therapy for skin disease	?" J										
Am Acad Dermatol 21 (1989) 1271-1275											
EJ SCHARTON-KERSTEN "Principles of transcutaneous immunization using cholera toxin as an adjuvant	13										
Vaccine 17 suppl 2 (1999) S37-S43											
	SCHARTON-KERSTEN "Transcutaneous immunization with bacterial ADP-ribosylating exotoxins, subunits,										
and unrelated adjuvants" Infect Immun 68 (2000) 5306-5313											
EL SCHMITT "Bacterial toxins: Friends or foes" Emerging Infect Dis 5 (1999) 224-234											
	SCHWARZENBERGER "Contact allergens and epidermal proinflammatory cytokines modulate Langerhans										
	cell E-cadherin expression in situ" J Invest Dermatol 106 (1996) 553-558										
EN SEO "Percutaneous peptide immunization via corneum barrier-disrupted murine skin for experimental t immunoprophylaxis" Proc Natl Acad Sci USA 97 (2000) 371-376	umor										
EO SMALL, In: Handbook of Lipid Research, Plenum, 4:43-87 and 89-96											
EP STACEY "Macrophages ingest and are activated by bacterial DNA" J Immunol 157 (1996) 2116-2122											
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151	87	FA	STEINMAN "Dendritic cells in the T-cell areas of lymphoid organs" Immunol Rev 156 (1997) 25-37													
	1	FB	STINGL "The immune functions of epidermal cells" Immunol Ser 46 (1989) 3-72													
		FC	SUZUKI "Imiquimod, a topical immune response modifier, induces migration of Langerhans cells" J Invest													
			Dermatol 114 (2000) 135-141													
		FD	UDEY "Cadherins and Langerhans cell immunobiology" Clin Exp Immunol 107 suppl 1 (1997) 6-8													
		FΕ	VASSELL "Activ	ation	of Lan	gerhar	ns cells fol	lowing	g transcu	tane	ous imm	unizatio	n" 13	FASEB J (	1999) A633	
	1	FF														
	Ľ		F VERMA "Phagocytosis of liposomes by macrophages: intracellular fate of liposomal malaria antigen" Biochim Biophys Acta 1066 (1991) 229-238													
	1	FG	VERMA "Adjuvant effects of liposomes containing lipid A: enhancement of liposomal antigen presentation													
	Ļ		and recruitment of macrophages" Infect Immun 60 (1992) 2438-2444													
	/	FH	VUTLA "Transdermal iontophoretic delivery of enkephalin formulated in liposomes" J Pharm Sci 85 (1996)													
	ļ .		5-8													
	1	FI	WALKER "The role of percutaneous penetration enhancers" Adv Drug Delivery Rev 18 (1996) 295-301 WANG "Induction of protective polyclonal antibodies by immunization with a Plasmodium yoelii													
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